

Title (en)
INJECTOR, AND DEVICE FOR DETECTING THE CONDITION OF SUCH AN INJECTOR

Title (de)
INJEKTOR UND VORRICHTUNG ZUR ZUSTANDSERFASSUNG EINES SOLCHEN INJEKTORS

Title (fr)
INJECTEUR ET DISPOSITIF DE DÉTECTION DE L'ÉTAT D'UN TEL INJECTEUR

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Application
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Abstract (en)
[origin: WO2019141865A1] The invention relates to an injector (1) for injecting fuel, comprising an injector housing (2), a movable nozzle needle that is arranged in the injector housing (2) and has a nozzle needle tip, a nozzle needle seat for accommodating the nozzle needle tip, and a mechanical switch (3), which upon a contact of the nozzle needle tip with the nozzle needle seat assumes a closed state, and upon a contact interruption assumes an open state. The injector (1) has an input line (4) and an output line (5) for controlling a movement of the nozzle needle, and the switch (3) has a first connection (6) and a second connection (7). The injector (1) is characterized in that the first connection (6) of the switch (3) is connected to the input line (4), and the second connection (7) of the switch (3) is connected to the injector housing (2).

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